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NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Jun 03	New e-mail delivery for search results now available
NEWS	4	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	5	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	6	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	7	Sep 03	JAPIO has been reloaded and enhanced
NEWS	8	Sep 16	Experimental properties added to the REGISTRY file
NEWS	9	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	10	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	11	Oct 24	BEILSTEIN adds new search fields
NEWS	12	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS	13	Nov 18	DKILIT has been renamed APOLLIT
NEWS	14	Nov 25	More calculated properties added to REGISTRY
NEWS	15	Dec 04	CSA files on STN
NEWS	16	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS	17	Dec 17	TOXCENTER enhanced with additional content
NEWS	18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS	19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS	20	Feb 13	CANCERLIT is no longer being updated
NEWS	21	Feb 24	METADEX enhancements
NEWS	22	Feb 24	PCTGEN now available on STN
NEWS	23	Feb 24	TEMA now available on STN
NEWS	24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS	25	Feb 26	PCTFULL now contains images
NEWS	26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS	27	Mar 19	APOLLIT offering free connect time in April 2003
NEWS	28	Mar 20	EVENTLINE will be removed from STN
NEWS	29	Mar 24	PATDPAFULL now available on STN
NEWS	30	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS	31	Mar 24	Indexing from 1957 to 1966 added to records in CA/CAPLUS
NEWS	32	Apr 11	Display formats in DGENE enhanced
NEWS	33	Apr 14	MEDLINE Reload

NEWS EXPRESS	April 4	CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
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NEWS INTER		General Internet Information
NEWS LOGIN		Welcome Banner and News Items
NEWS PHONE		Direct Dial and Telecommunication Network Access to STN
NEWS WWW		CAS World Wide Web Site (general information)

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 17:12:32 ON 14 APR 2003

=> FILE .RECEPTOR  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'MEDLINE' ENTERED AT 17:12:56 ON 14 APR 2003

FILE 'LIFESCI' ENTERED AT 17:12:56 ON 14 APR 2003  
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=> S DIPEPTIDE AND LINKER AND CLEAVE?  
L1 9 DIPEPTIDE AND LINKER AND CLEAVE?

=> DUP REM L1  
PROCESSING COMPLETED FOR L1  
L2 4 DUP REM L1 (5 DUPLICATES REMOVED)

=> D 1

L2 ANSWER 1 OF 4 MEDLINE  
AN 2003158477 IN-PROCESS  
DN 22561847 PubMed ID: 12675501  
TI Synthesis and conformational investigation of cyclic dipeptides:  
7-membered rings containing alpha- and beta-amino acids.  
AU Muller-Hartwig J Constanze D; Akyel Kayhan G; Zimmermann Jurg  
CS Novartis Pharma AG, Combinatorial Chemistry Unit, Klybeckstr. 141, CH-4057  
Basel, Switzerland.. Constanze.Mueller-Hartwig@pharma.novartis.com  
SO JOURNAL OF PEPTIDE SCIENCE, (2003 Mar) 9 (3) 187-99.  
Journal code: 9506309. ISSN: 1075-2617.  
CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS IN-PROCESS; NONINDEXED; Priority Journals  
ED Entered STN: 20030406  
Last Updated on STN: 20030406

=> D 2

L2 ANSWER 2 OF 4 MEDLINE DUPLICATE 1  
AN 2002230279 MEDLINE  
DN 21843407 PubMed ID: 11853934  
TI Enhanced tumor cell selectivity of adriamycin-mono-clonal antibody  
conjugate via a poly(ethylene glycol)-based cleavable linker.  
AU Suzawa T; Nagamura S; Saito H; Ohta S; Hanai N; Kanazawa J; Okabe M;  
Yamasaki M

CS Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 3-6-6,  
Asahi-machi, Machida-shi, 194-8533, Tokyo, Japan.  
SO JOURNAL OF CONTROLLED RELEASE, (2002 Feb 19) 79 (1-3) 229-42.  
Journal code: 8607908. ISSN: 0168-3659.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200205  
ED Entered STN: 20020424  
Last Updated on STN: 20020517  
Entered Medline: 20020516

=> D 3

L2 ANSWER 3 OF 4 MEDLINE DUPLICATE 2  
AN 2001052229 MEDLINE  
DN 20473519 PubMed ID: 11018544  
TI Synthesis and HPLC analysis of enzymatically cleavable **linker**  
consisting of poly(ethylene glycol) and **dipeptide** for the  
development of immunoconjugate.  
AU Suzawa T; Nagamura S; Saito H; Ohta S; Hanai N; Yamasaki M  
CS Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 3-6-6,  
Asahi-machi, Machida-shi, Tokyo 194-8533, Japan.  
SO JOURNAL OF CONTROLLED RELEASE, (2000 Oct 3) 69 (1) 27-41.  
Journal code: 8607908. ISSN: 0168-3659.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200012  
ED Entered STN: 20010322  
Last Updated on STN: 20010322  
Entered Medline: 20001213

=> D 4

L2 ANSWER 4 OF 4 MEDLINE DUPLICATE 3  
AN 93038876 MEDLINE  
DN 93038876 PubMed ID: 1417992  
TI [Synthesis of an artificial gene coding for thymosin alpha1 and its  
expression in Escherichia coli as a hybrid with human tumor necrosis  
factor].  
Sintez iskusstvennogo gena, kodiruiushchego timozin alpha1, i ego  
ekspressiia v Escherichia coli v sostave gibridov s faktorom nekroza  
opukholei cheloveka.  
AU Korobko V G; Boldyreva E F; Filippov S A; Berkova N P; Dobrynin V N;  
Shmelev V A; Popov S G; Evsegneev S I; Nosova L Iu  
SO BIOORGANICHESKAIA KHIMIIA, (1992 May) 18 (5) 646-59.  
Journal code: 7804941. ISSN: 0132-3423.  
CY RUSSIA: Russian Federation  
DT Journal; Article; (JOURNAL ARTICLE)  
LA Russian  
FS Priority Journals  
EM 199211  
ED Entered STN: 19930122  
Last Updated on STN: 19930122  
Entered Medline: 19921109

=> FIL STNGUIDE

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

	ENTRY	SESSION
FULL ESTIMATED COST	5.72	5.93

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 AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.  
 LAST RELOADED: Apr 11, 2003 (20030411/UP).

=> FILE .RECEPTOR		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.60	6.53

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=> S LINKER AND CLEAVE? AND NON-ENZYMATIC\* AND PEPTIDE  
 L3 0 LINKER AND CLEAVE? AND NON-ENZYMATIC\* AND PEPTIDE

=> S PEPTIDE AND LINKER AND CLEAVE?  
 L4 235 PEPTIDE AND LINKER AND CLEAVE?

=> DUP REM L4  
 PROCESSING COMPLETED FOR L4  
 L5 133 DUP REM L4 (102 DUPLICATES REMOVED)

=> S L5 AND DIPEPTIDE  
 L6 3 L5 AND DIPEPTIDE

=> D 1

L6 ANSWER 1 OF 3 MEDLINE  
 AN 2002230279 MEDLINE  
 DN 21843407 PubMed ID: 11853934  
 TI Enhanced tumor cell selectivity of adriamycin-monoclonal antibody  
 conjugate via a poly(ethylene glycol)-based cleavable **linker**.  
 AU Suzawa T; Nagamura S; Saito H; Ohta S; Hanai N; Kanazawa J; Okabe M;  
 Yamasaki M  
 CS Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 3-6-6,  
 Asahi-machi, Machida-shi, 194-8533, Tokyo, Japan.  
 SO JOURNAL OF CONTROLLED RELEASE, (2002 Feb 19) 79 (1-3) 229-42.  
 Journal code: 8607908. ISSN: 0168-3659.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200205  
 ED Entered STN: 20020424  
 Last Updated on STN: 20020517  
 Entered Medline: 20020516

=> D 2

L6 ANSWER 2 OF 3 MEDLINE

AN 2001052229 MEDLINE  
 DN 20473519 PubMed ID: 11018544  
 TI Synthesis and HPLC analysis of enzymatically cleavable linker  
 consisting of poly(ethylene glycol) and dipeptide for the  
 development of immunoconjugate.  
 AU Suzawa T; Nagamura S; Saito H; Ohta S; Hanai N; Yamasaki M  
 CS Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 3-6-6,  
 Asahi-machi, Machida-shi, Tokyo 194-8533, Japan.  
 SO JOURNAL OF CONTROLLED RELEASE, (2000 Oct 3) 69 (1) 27-41.  
 Journal code: 8607908. ISSN: 0168-3659.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200012  
 ED Entered STN: 20010322  
 Last Updated on STN: 20010322  
 Entered Medline: 20001213

=> D 3

L6 ANSWER 3 OF 3 MEDLINE  
 AN 93038876 MEDLINE  
 DN 93038876 PubMed ID: 1417992  
 TI [Synthesis of an artificial gene coding for thymosin alpha1 and its  
 expression in Escherichia coli as a hybrid with human tumor necrosis  
 factor].  
 Sintez iskusstvennogo gena, kodiruiushchego timozin alpha1, i ego  
 ekspressiia v Escherichia coli v sostave gibridov s faktorom nekroza  
 opukholei cheloveka.  
 AU Korobko V G; Boldyreva E F; Filippov S A; Berkova N P; Dobrynin V N;  
 Shmelev V A; Popov S G; Evsegneev S I; Nosova L Iu  
 SO BIOORGANICHESKAIA KHIMIIA, (1992 May) 18 (5) 646-59.  
 Journal code: 7804941. ISSN: 0132-3423.  
 CY RUSSIA: Russian Federation  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA Russian  
 FS Priority Journals  
 EM 199211  
 ED Entered STN: 19930122  
 Last Updated on STN: 19930122  
 Entered Medline: 19921109

=> FIL STNGUIDE

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	5.18	11.71

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 LAST RELOADED: Apr 11, 2003 (20030411/UP).

=> FILE .CANCER

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.90	12.61

FILE 'CANCERLIT' ENTERED AT 17:36:37 ON 14 APR 2003

FILE 'CAPLUS' ENTERED AT 17:36:37 ON 14 APR 2003  
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FILE 'BIOSIS' ENTERED AT 17:36:37 ON 14 APR 2003  
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=> S DIPEPTIDE AND LINKER AND NON-ENZYMATIC\*  
L7 0 DIPEPTIDE AND LINKER AND NON-ENZYMATIC\*

=> S DIPEPTIDE AND LINKER  
L8 145 DIPEPTIDE AND LINKER

=> DUP REM L8  
PROCESSING COMPLETED FOR L8  
L9 82 DUP REM L8 (63 DUPLICATES REMOVED)

=> S L9 AND CLEAV\*  
L10 0 L9 AND CLEAV\*

=> S L9 AND CLEAVABLE  
L11 12 L9 AND CLEAVABLE

=>

=> D 1

L11 ANSWER 1 OF 12 CANCERLIT  
AN 2002144778 CANCERLIT  
DN 21843407 PubMed ID: 11853934  
TI Enhanced tumor cell selectivity of adriamycin-monoclonal antibody  
conjugate via a poly(ethylene glycol)-based **cleavable**  
**linker**.  
AU Suzawa T; Nagamura S; Saito H; Ohta S; Hanai N; Kanazawa J; Okabe M;  
Yamasaki M  
CS Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 3-6-6,  
Asahi-machi, Machida-shi, 194-8533, Tokyo, Japan.  
SO JOURNAL OF CONTROLLED RELEASE, (2002 Feb 19) 79 (1-3) 229-42.  
Journal code: 8607908. ISSN: 0168-3659.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS MEDLINE; Priority Journals  
OS MEDLINE 2002230279  
EM 200205  
ED Entered STN: 20020726  
Last Updated on STN: 20020726

=> D 2

L11 ANSWER 2 OF 12 CANCERLIT  
AN 2000473519 CANCERLIT  
DN 20473519 PubMed ID: 11018544  
TI Synthesis and HPLC analysis of enzymatically **cleavable**  
**linker** consisting of poly(ethylene glycol) and **dipeptide**  
for the development of immunoconjugate.  
AU Suzawa T; Nagamura S; Saito H; Ohta S; Hanai N; Yamasaki M  
CS Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 3-6-6,

Asahi-machi, Machida-shi, Tokyo 194-8533, Japan.  
SO JOURNAL OF CONTROLLED RELEASE, (2000 Oct 3) 69 (1) 27-41.  
Journal code: 8607908. ISSN: 0168-3659.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS MEDLINE; Priority Journals  
OS MEDLINE 2001052229  
EM 200012  
ED Entered STN: 20010423  
Last Updated on STN: 20010423

=> D 3

L11 ANSWER 3 OF 12 CANCERLIT  
AN 2000456495 CANCERLIT  
DN 20456495 PubMed ID: 11003162  
TI Synthesis of a novel duocarmycin derivative DU-257 and its application to  
immunoconjugate using poly(ethylene glycol)-dipeptidyl linker  
capable of tumor specific activation.  
AU Suzawa T; Nagamura S; Saito H; Ohta S; Hanai N; Yamasaki M  
CS Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd, Japan.  
SO BIOORGANIC AND MEDICINAL CHEMISTRY, (2000 Aug) 8 (8) 2175-84.  
Journal code: 9413298. ISSN: 0968-0896.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS MEDLINE; Priority Journals  
OS MEDLINE 2000449180  
EM 200102  
ED Entered STN: 20010423  
Last Updated on STN: 20010423

=> D 4

L11 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2003 ACS  
AN 2002:453441 CAPLUS  
DN 137:190578  
TI Cathepsin B-Labile Dipeptide Linkers for Lysosomal Release of  
Doxorubicin from Internalizing Immunoconjugates: Model Studies of  
Enzymatic Drug Release and Antigen-Specific In Vitro Anticancer Activity  
AU Dubowchik, Gene M.; Firestone, Raymond A.; Padilla, Linda; Willner, David;  
Hofstead, Sandra J.; Mosure, Kathleen; Knipe, Jay O.; Lasch, Shirley J.;  
Trail, Pamela A.  
CS Bristol-Myers Squibb Pharmaceutical Research Institute, Wallingford, CT,  
06492, USA  
SO Bioconjugate Chemistry (2002), 13(4), 855-869  
CODEN: BCCHES; ISSN: 1043-1802  
PB American Chemical Society  
DT Journal  
LA English  
RE.CNT 29 THERE ARE 29 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> D 5

L11 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2003 ACS  
AN 2001:525108 CAPLUS  
DN 136:179454  
TI Linkers for improved cleavage of fusion proteins with an engineered  
.alpha.-lytic protease

AU Lien, Samantha; Milner, Steven J.; Graham, Lloyd D.; Wallace, John C.; Francis, Geoffrey L.  
 CS Cooperative Research Centre for Tissue Growth and Repair: Department of Biochemistry, University of Adelaide, SA, 5005, Australia  
 SO Biotechnology and Bioengineering (2001), 74(4), 335-343  
 CODEN: BIBIAU; ISSN: 0006-3592  
 PB John Wiley & Sons, Inc.  
 DT Journal  
 LA English  
 RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> D 6

L11 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2003 ACS  
 AN 2001:208508 CAPLUS  
 DN 134:249215  
 TI Substrates and screening methods for transport proteins  
 IN Dower, William J.; Gallop, Mark; Barrett, Ronald W.; Cundy, Kenneth C.; Chernov-Rogan, Tania  
 PA Xenoport, Inc., USA  
 SO PCT Int. Appl., 144 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001020331	A1	20010322	WO 2000-US25439	20000914
	WO 2001020331	C2	20021003		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	EP 1212619	A1	20020612	EP 2000-966735	20000914
	R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL			
PRAI	US 1999-154071P	P	19990914		
	WO 2000-US25439	W	20000914		
RE.CNT	5	THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT			

=> D 7

L11 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2003 ACS  
 AN 2000:911424 CAPLUS  
 DN 134:66127  
 TI Pyrrhocoricin-derived peptides and methods of use for treating bacterial and fungal infections  
 IN Otvos, Laszlo, Jr.  
 PA The Wistar Institute of Anatomy and Biology, USA  
 SO PCT Int. Appl., 75 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE



PI WO 2000078956 A1 20001228 WO 2000-US16989 20000621  
 W: AU, CA, JP, US  
 RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
 PT, SE  
 EP 1194548 A1 20020410 EP 2000-946829 20000621  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, FI  
 PRAI US 1999-140606P P 19990623  
 US 1999-154135P P 19990915  
 WO 2000-US16989 W 20000621  
 OS MARPAT 134:66127  
 RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> D 8

L11 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2003 ACS  
 AN 2000:53871 CAPLUS  
 DN 132:107044  
 TI Manufacture of peptides with a pI above 8 or below 5 as fusion proteins  
 containing an acid labile peptide bond  
 IN Pollitt, N. Stephen; Buckley, Douglas I.; Stathis, Peter A.; Hartman,  
 Taymar E.; Zhong, Ziyang  
 PA Scios Inc., USA  
 SO PCT Int. Appl., 40 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000003011	A2	20000120	WO 1999-US15147	19990708
	WO 2000003011	A3	20000615		
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	CA 2334160	AA	20000120	CA 1999-2334160	19990708
	AU 9948595	A1	20000201	AU 1999-48595	19990708
	EP 1095141	A2	20010502	EP 1999-932242	19990708
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	US 6303340	B1	20011016	US 1999-349644	19990708
	JP 2002520018	T2	20020709	JP 2000-559232	19990708
PRAI	US 1998-92423P	P	19980710		
	WO 1999-US15147	W	19990708		

=> D 9

L11 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2003 ACS  
 AN 1995:787151 CAPLUS  
 DN 123:199411  
 TI Preparation of selectively cleavable linkers based on  
 iminodiacetic acid ester bonds for solid phase support in peptide  
 synthesis  
 IN Lebl, Michal; Krchnak, Viktor; Kocis, Petr; Lam, Kit S.

PA Selectide Corp., USA  
 SO PCT Int. Appl., 86 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9500165	A1	19950105	WO 1994-US7012	19940621
	W: AM, AU, BB, BG, BR, BY, CA, CN, CZ, FI, GE, HU, JP, KG, KR, KZ, LK, LV, MD, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SI, SK, TJ, UA, UZ				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	CA 2165780	AA	19950105	CA 1994-2165780	19940621
	AU 9471145	A1	19950117	AU 1994-71145	19940621
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	JP 09500111	T2	19970107	JP 1994-503047	19940621
	EP 751779	A1	19970108	EP 1994-920294	19940621
	EP 751779	B1	20011219		
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	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI				
	AT 210993	E	20020115	AT 1994-920294	19940621
	ES 2165880	T3	20020401	ES 1994-920294	19940621
PRAI	US 1993-80388	A	19930621		
	US 1993-81997	A	19930623		
	EP 1994-920294	A3	19940621		
	WO 1994-US7012	W	19940621		

=> D 10

L11 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2003 ACS  
 AN 1993:493697 CAPLUS  
 DN 119:93697  
 TI Preparation of physiologically active proteins via fusion proteins  
 IN Mori, Tokuo; Maekawa, Keiji; Izumi, Atsushi; Sudo, Tetsuji  
 PA Daiichi Kagaku Yakuhin Kk, Japan; Daiichi Seiyaku Co  
 SO Jpn. Kokai Tokkyo Koho, 7 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05068581	A2	19930323	JP 1991-230597	19910910
PRAI	JP 1991-230597		19910910		

=> D 11

L11 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2003 ACS  
 AN 1992:585803 CAPLUS  
 DN 117:185803  
 TI **Linker**-inserted mutagenesis of the poliovirus 2A protease and its substrate simultaneously expressed in Escherichia coli cells  
 AU Slobodskaya, O. R.; Gorbalenya, A. E.  
 CS Inst. Polio. Viral Encephalitis, Moscow, Russia  
 SO Biokhimiya (Moscow) (1992), 57(7), 1057-64  
 CODEN: BIOHAO; ISSN: 0320-9725  
 DT Journal  
 LA Russian

=> D 12

L11 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2003 ACS  
AN 1987:541105 CAPLUS  
DN 107:141105  
TI Synthetic polymeric drugs  
IN Kopecek, Jindrich; Rejmanova, Pavla; Strohalm, Jiri; Ulbrich, Karel;  
Rihova, Blanka; Chytry, Vladimir; Lloyd, John B.; Duncan, Ruth  
PA Ceskoslovenska Akademie Ved, Czech.; Carlton Medical Products Ltd.  
SO Eur. Pat. Appl., 70 pp.  
CODEN: EPXXDW  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 187547	A2	19860716	EP 1985-309560	19851231
	EP 187547	A3	19870722		
	EP 187547	B1	19910227		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	AT 60991	E	19910315	AT 1985-309560	19851231
	DK 8600033	A	19860705	DK 1986-33	19860103
	DK 164485	B	19920706		
	DK 164485	C	19921123		
	AU 8651833	A1	19860710	AU 1986-51833	19860103
	AU 589587	B2	19891019		
	CA 1305053	A1	19920714	CA 1986-498931	19860103
	JP 61243026	A2	19861029	JP 1986-137	19860104
	JP 07005474	B4	19950125		
	US 5037883	A	19910806	US 1989-438352	19891117
	JP 07300428	A2	19951114	JP 1994-140759	19940531
PRAI	GB 1985-209		19850104		
	EP 1985-309560		19851231		

=> FIL MEDLINE

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	30.64	43.25

FILE 'MEDLINE' ENTERED AT 17:43:17 ON 14 APR 2003

FILE LAST UPDATED: 10 APR 2003 (20030410/UP). FILE COVERS 1958 TO DATE.

On April 13, 2003, MEDLINE was reloaded. See HELP RLOAD for details.

MEDLINE thesauri in the /CN, /CT, and /MN fields incorporate the MeSH 2003 vocabulary. See <http://www.nlm.nih.gov/mesh/changes2003.html> for a description on changes.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> SET NOTICE DISPLAY 1

NOTICE SET TO 1 U.S. DOLLAR FOR DISPLAY COMMAND  
SET COMMAND COMPLETED

=> D ACC 2002230279 ALL

ANSWER 1 MEDLINE  
AN 2002230279 MEDLINE

DN 21843407 PubMed ID: 11853934  
 TI Enhanced tumor cell selectivity of adriamycin-monoclonal antibody  
 conjugate via a poly(ethylene glycol)-based cleavable linker.  
 AU Suzawa T; Nagamura S; Saito H; Ohta S; Hanai N; Kanazawa J; Okabe M;  
 Yamasaki M  
 CS Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 3-6-6,  
 Asahi-machi, Machida-shi, 194-8533, Tokyo, Japan.  
 SO JOURNAL OF CONTROLLED RELEASE, (2002 Feb 19) 79 (1-3) 229-42.  
 Journal code: 8607908. ISSN: 0168-3659.  
 CY Netherlands  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200205  
 ED Entered STN: 20020424  
 Last Updated on STN: 20020517  
 Entered Medline: 20020516  
 AB A novel linker consisting of poly(ethylene glycol) (PEG) and dipeptide was  
 used for conjugation of adriamycin with tumor-specific monoclonal  
 antibody, NL-1, to confirm that the linker can be cleaved selectively with  
 the tumor specific enzyme to express cytotoxicity of the anti-tumor agent.  
 Initially, adriamycin-conjugated PEG linkers through different amino acid  
 compositions, alanyl-valine (Ala-Val), alanyl-proline (Ala-Pro), and  
 glycyl-proline (Gly-Pro) sequences, were prepared to confirm selective  
 digestion with model enzymes. Adriamycin was released by particular model  
 endoproteases, thermolysin and proline endopeptidase, from the linkers  
 with different efficiency. When conjugates were prepared using these  
 adriamycin-bound linkers, conjugates had no loss of binding affinity and  
 specificity for common acute lymphoblastic leukemia antigen (CALLA)  
 expressed on the Daudi cell surfaces as the target of NL-1 antibody. In  
 addition, adriamycin release from the conjugates was also confirmed by  
 incubating them with specific proteases. Tumor cell growth was inhibited  
 dose-dependently for the conjugates carrying Ala-Val and Gly-Pro linkers,  
 whereas significant inhibitory effect was abolished for the conjugate  
 carrying Ala-Pro linker, indicating that cytotoxic effect can be  
 controlled by specificity of antibody and composition of linker peptide.  
 IC(50) for Ala-Val linked conjugate was approximately 3.5 microg/ml and  
 that for Gly-Pro linked conjugate was 5.2 microg/ml. PEG-dipeptidyl  
 linker demonstrated here will be an effective tool for the preparation of  
 immunoconjugate, especially specific activation of anti-tumor agents at  
 desired tumor tissues.  
 CT Check Tags: Human  
 \*Antibodies, Monoclonal: CH, chemistry  
 Antibodies, Monoclonal: PK, pharmacokinetics  
 Antibodies, Monoclonal: TO, toxicity  
 \*Antineoplastic Agents: CH, chemistry  
 Antineoplastic Agents: IP, isolation & purification  
 Antineoplastic Agents: PK, pharmacokinetics  
 Antineoplastic Agents: TO, toxicity  
 Binding Sites  
 Chemistry, Pharmaceutical  
 Dose-Response Relationship, Drug  
 \*Doxorubicin: CH, chemistry  
 Doxorubicin: PK, pharmacokinetics  
 Doxorubicin: TO, toxicity  
 Drug Carriers: CH, chemistry  
 Drug Carriers: IP, isolation & purification  
 Drug Carriers: PK, pharmacokinetics  
 Drug Carriers: TO, toxicity  
 Drug Evaluation, Preclinical: MT, methods  
 Drug Screening Assays, Antitumor: MT, methods  
 HeLa Cells: DE, drug effects  
 HeLa Cells: IM, immunology  
 \*Immunotoxins: CH, chemistry

Immunotoxins: IP, isolation & purification  
 Immunotoxins: PK, pharmacokinetics  
 Immunotoxins: TO, toxicity  
 \*Polyethylene Glycols: CH, chemistry  
 Polyethylene Glycols: PK, pharmacokinetics  
 Polyethylene Glycols: TU, therapeutic use  
 Solvents  
 Tumor Cells, Cultured: DE, drug effects  
 Tumor Cells, Cultured: IM, immunology  
 RN 23214-92-8 (Doxorubicin)  
 CN 0 (Antibodies, Monoclonal); 0 (Antineoplastic Agents); 0 (Drug Carriers);  
 0 (Immunotoxins); 0 (Polyethylene Glycols); 0 (Solvents)

=> SET NOTICE LOGIN DISPLAY

NOTICE SET TO OFF FOR DISPLAY COMMAND  
 SET COMMAND COMPLETED

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=> FIL STNGUIDE

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	6.29	49.54

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 LAST RELOADED: Apr 11, 2003 (20030411/UP).

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	1.50	51.04

FILE 'MEDLINE' ENTERED AT 18:08:20 ON 14 APR 2003

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FILE 'BIOSIS' ENTERED AT 18:08:20 ON 14 APR 2003  
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=> S INTERFERON AND MET-NLE AND PEG

L12 0 INTERFERON AND MET-NLE AND PEG

=> S MET-NLE

L13 18 MET-NLE

=> DUP REM L13

PROCESSING COMPLETED FOR L13

L14 11 DUP REM L13 (7 DUPLICATES REMOVED)

=> D 1

L14	ANSWER 1 OF 11	MEDLINE	DUPLICATE 1
AN	2001232456	MEDLINE	
DN	21093215	PubMed ID: 11170367	
TI	New PEGs for peptide and protein modification, suitable for identification		

of the PEGylation site.  
AU Veronese F M; Sacca B; Polverino de Laureto P; Sergi M; Caliceti P;  
Schiavon O; Orsolini P  
CS Department of Pharmaceutical Sciences, University of Padova, Via Marzolo  
5, 35131 Padova, Italy.. veronese@pdfar3.dsfarm.unipd.it  
SO BIOCONJUGATE CHEMISTRY, (2001 Jan-Feb) 12 (1) 62-70.  
Journal code: 9010319. ISSN: 1043-1802.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200105  
ED Entered STN: 20010517  
Last Updated on STN: 20010517  
Entered Medline: 20010503

=> D 2

L14 ANSWER 2 OF 11 MEDLINE  
AN 2000120638 MEDLINE  
DN 20120638 PubMed ID: 10653796  
TI Membrane partitioning of the cleavage peptide in flock house virus.  
AU Bong D T; Janshoff A; Steinem C; Ghadiri M R  
CS Departments of Chemistry and Molecular Biology and the Skaggs Institute  
for Chemical Biology, The Scripps Research Institute, La Jolla, California  
92037, USA.  
SO BIOPHYSICAL JOURNAL, (2000 Feb) 78 (2) 839-45.  
Journal code: 0370626. ISSN: 0006-3495.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200002  
ED Entered STN: 20000314  
Last Updated on STN: 20000314  
Entered Medline: 20000225

=> D 3

L14 ANSWER 3 OF 11 MEDLINE  
AN 2001067122 MEDLINE  
DN 20532486 PubMed ID: 11078607  
TI A peptide based on the sequence of the CDR3 of a murine anti-DNA mAb is a  
better modulator of experimental SLE than its single amino  
acid-substituted analogs.  
AU Brosh N; Zinger H; Fridkin M; Mozes E  
CS Department of Immunology, The Weizmann Institute of Science, Rehovot,  
76100, Israel.  
SO CELLULAR IMMUNOLOGY, (2000 Oct 10) 205 (1) 52-61.  
Journal code: 1246405. ISSN: 0008-8749.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200012  
ED Entered STN: 20010322  
Last Updated on STN: 20021008  
Entered Medline: 20001222

=> D 4

L14 ANSWER 4 OF 11 MEDLINE DUPLICATE 2  
 AN 1999452931 MEDLINE  
 DN 99452931 PubMed ID: 10521426  
 TI The human cytotoxic T cell granule serine protease granzyme H has chymotrypsin-like (chymase) activity and is taken up into cytoplasmic vesicles reminiscent of granzyme B-containing endosomes.  
 AU Edwards K M; Kam C M; Powers J C; Trapani J A  
 CS The John Connell Laboratory, The Austin Research Institute, Studley Road, Heidelberg, 3084, Australia.  
 NC GM 54401 (NIGMS)  
 SO JOURNAL OF BIOLOGICAL CHEMISTRY, (1999 Oct 22) 274 (43) 30468-73.  
 Journal code: 2985121R. ISSN: 0021-9258.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199911  
 ED Entered STN: 20000111  
 Last Updated on STN: 20000111  
 Entered Medline: 19991123

=> D 5

L14 ANSWER 5 OF 11 MEDLINE  
 AN 1999238307 MEDLINE  
 DN 99238307 PubMed ID: 10220319  
 TI An animal virus-derived peptide switches membrane morphology: possible relevance to nodaviral transfection processes.  
 AU Janshoff A; Bong D T; Steinem C; Johnson J E; Ghadiri M R  
 CS Department of Chemistry, Skaggs Institute for Chemical Biology, The Scripps Research Institute, La Jolla, California 92037, USA.  
 SO BIOCHEMISTRY, (1999 Apr 27) 38 (17) 5328-36.  
 Journal code: 0370623. ISSN: 0006-2960.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199905  
 ED Entered STN: 19990601  
 Last Updated on STN: 19990601  
 Entered Medline: 19990514

=> D 6

L14 ANSWER 6 OF 11 MEDLINE  
 AN 1999310968 MEDLINE  
 DN 99310968 PubMed ID: 10381406  
 TI A highly membrane-active peptide in Flock House virus: implications for the mechanism of nodavirus infection.  
 AU Bong D T; Steinem C; Janshoff A; Johnson J E; Reza Ghadiri M  
 CS Departments of Chemistry and Molecular Biology at the Scripps Research Institute, Skaggs Institute for Chemical Biology, La Jolla, CA 92037, USA.  
 SO CHEMISTRY AND BIOLOGY, (1999 Jul) 6 (7) 473-81.  
 Journal code: 9500160. ISSN: 1074-5521.  
 CY ENGLAND: United Kingdom  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 199908  
 ED Entered STN: 19990820  
 Last Updated on STN: 19990820  
 Entered Medline: 19990809

=> D 7

L14 ANSWER 7 OF 11 MEDLINE DUPLICATE 3  
AN 1998342156 MEDLINE  
DN 98342156 PubMed ID: 9675278  
TI Specificity of human cathepsin G.  
AU Polanowska J; Krokoszynska I; Czapinska H; Watorek W; Dadlez M; Otlewski J  
CS Institute of Biochemistry and Molecular Biology, University of Wroclaw,  
Tamka 2, 50-137 Wroclaw, Poland.  
SO BIOCHIMICA ET BIOPHYSICA ACTA, (1998 Jul 28) 1386 (1) 189-98.  
Journal code: 0217513. ISSN: 0006-3002.  
CY Netherlands  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199809  
ED Entered STN: 19980917  
Last Updated on STN: 19980917  
Entered Medline: 19980909

=> D 8

L14 ANSWER 8 OF 11 MEDLINE  
AN 96126561 MEDLINE  
DN 96126561 PubMed ID: 8595396  
TI Binding of amino acids to the cationic surfactant  
cetyltrimethylammoniumbromide.  
AU Cserhati T; Forgacs E  
CS Central Research Institute for Chemistry, Hungarian Academy of Sciences,  
Budapest, Hungary.  
SO BIOCHEMISTRY AND MOLECULAR BIOLOGY INTERNATIONAL, (1995 Oct) 37 (3)  
555-62.  
Journal code: 9306673. ISSN: 1039-9712.  
CY Australia  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199604  
ED Entered STN: 19960424  
Last Updated on STN: 19980206  
Entered Medline: 19960417

=> D 9

L14 ANSWER 9 OF 11 MEDLINE DUPLICATE 4  
AN 94176983 MEDLINE  
DN 94176983 PubMed ID: 8130634  
TI Charge-transfer chromatographic study on the interaction of amino acids  
with ethoxylated stearic acid surfactants.  
AU Cserhati T  
CS Central Research Institute for Chemistry, Hungarian Academy of Sciences,  
Budapest.  
SO BIOMEDICAL CHROMATOGRAPHY, (1994 Jan-Feb) 8 (1) 45-8.  
Journal code: 8610241. ISSN: 0269-3879.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199404  
ED Entered STN: 19940428



Last Updated on STN: 19940428  
Entered Medline: 19940421

=> D 10

L14 ANSWER 10 OF 11 MEDLINE DUPLICATE 5  
AN 93322628 MEDLINE  
DN 93322628 PubMed ID: 8392528  
TI Effects of monomethylfumarate on human granulocytes.  
AU Nibbering P H; Thio B; Zomerdijs T P; Bezemer A C; Beijersbergen R L; van Furth R  
CS Department of Infectious Diseases, University Hospital, Leiden, The Netherlands.  
SO JOURNAL OF INVESTIGATIVE DERMATOLOGY, (1993 Jul) 101 (1) 37-42.  
Journal code: 0426720. ISSN: 0022-202X.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199308  
ED Entered STN: 19930826  
Last Updated on STN: 20000303  
Entered Medline: 19930819

=> D 11

L14 ANSWER 11 OF 11 MEDLINE DUPLICATE 6  
AN 81190272 MEDLINE  
DN 81190272 PubMed ID: 6785181  
TI The cleavage of the Met-Lys bond in a bradykinin derivative by glandular kallikreins.  
AU Araujo-Viel M S; Juliano L; Prado E S  
SO HOPPE-SEYLER'S ZEITSCHRIFT FUR PHYSIOLOGISCHE CHEMIE, (1981 Mar) 362 (3) 337-45.  
Journal code: 2985060R. ISSN: 0018-4888.  
CY GERMANY, WEST: Germany, Federal Republic of  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 198107  
ED Entered STN: 19900316  
Last Updated on STN: 20000303  
Entered Medline: 19810709

=> FIL STNGUIDE

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	5.06	56.10

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